

DECLARATION AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

OLIGONUCLEOT	IDE INHIBITORS OF	bcl-xL		
the specification of v (check one)	vhich:			
,	is attached	hereto.		
•	X_ was filed or			as
	Application Serial 1	Vo		
• .	and was amended _	January 2, 2001	(if ann	icable)
			(1) аррі	icuote)
to be material to pat I hereby claim foreign 365(b) of any foreign International Applic	entability as defined in a priority benefits under to an application(s) for pair cation which designated	Patent and Trademark Of Title 37. Code of Federal I Title 35. United States Cod tent or inventor's certifica I at least one country oth	le, Section 119 te, or Section 3 er than the Un	(a)-(d) or Section 865(a) of any PCT tited States, listed
is claimed:	ition having a filing date	ign application for patent before that of the earlies	application fr	om which priority
	ntion having a filing date cation(s)	e before that of the earties.	application fr	om which priority Claimed
is claimed: Prior Foreign Applic <u>Number</u>	ition having a filing date	Filing Date	application fr	om which priority
is claimed: Prior Foreign Applic	ntion having a filing date cation(s)	e before that of the earties.	application fr	om which priority Claimed
is claimed: Prior Foreign Applic <u>Number</u>	cation having a filing date cation(s) <u>Country</u>	Filing Date	application fr	om which priority Claimed
is claimed: Prior Foreign Applic <u>Number</u>	cation having a filing date cation(s) <u>Country</u>	Filing Date	application fr	om which priority Claimed
is claimed: Prior Foreign Applic <u>Number</u>	cation having a filing date cation(s) <u>Country</u>	Filing Date	application fr	om which priority Claimed

Declaration	and	Power	of Attorney
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I hereby claim the benefit under Title 35. United States Code. Section 119(e) of any United States provisional application(s) listed below:

Provisional Application No.	Filing Date	<u>Status</u>
N/A		

I hereby claim the benefit under Title 35. United States Code, Section 120 of any United States Application(s), or Section 365(c) of any PCT International Application(s) designating the United States listed below. Insofar as this application discloses and claims subject matter in addition to that disclosed in any such prior Application in the manner provided by the first paragraph of Title 35. United States Code, Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56, which became available between the filing date(s) of such prior Application(s) and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	<u>Siants</u>
09/109,614	2 July 1998	pending
PCT/US99/15250	2 July 1999	pending
FG170022112220		

And I hereby appoint

John P. White (Reg. No. 28,678); Christopher C. Dunham (Reg. No. 22,031); Norman H. Zivin (Reg. No. 25,385); Jay H. Maioli (Reg. No. 27,213); William E. Pelton (Reg. No. 25,702); Robert D. Katz (Reg. No. 30,141); Peter J. Phillips (Reg. No. 29,691); Wendy E. Miller (Reg. No. 35,615); Richard S. Milner (Reg. No. 33,970); Robert T. Maldonado (Reg. 38,232); Paul Teng (40,837); Richard F. Jaworski (Reg. No. 33,515); Elizabeth M. Wieckowski (Reg. No. 42,226); Pedro C. Fernandez (Reg. No. 41,741); Gary J. Gershik (Reg. No. 39,992); Jane M. Love (Reg. No. 42,812); Spencer H. Schneider (Reg. No. 45,923) and Raymond A. Diperna (Reg. No. 44,063).

and each of them, all c/o Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, New York 10036, my attorneys, each with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, to transact all business in the Patent and Trademark Office connected therewith and to file any International Applications which are based thereon under the provisions of the Patent Cooperation Treaty.

Declaration and Pow	er of Attorney			•	Page 3
Please address all co	ommunications, and dire	ct all telephone	calls,	regarding this applica	ition to:
John P. W				28,678	
	of the Americas www.York 10036		g. <i>NO</i>		
made on information a the knowledge that will or both, under Section	all statements made hei and belief are believed to lful false statements and n 1001 of Title 18 of the alidity of the application	be true; and ful I the like so mad United States (rther to de are Code a	hat these statements we punishable by fine or i and that such willful fal	ere made with mprisonment,
Full name of sole or					
first joint inventor					
Inventor's signature_	Uj U Sec				·
Citizenship United	States of America	Date of sign	ature_		
Residence 11 Dolpl	hin Road, New City	y, New York	1095	6, U.S.A.	· · · · · · · · · · · · · · · · · · ·
Post Office Address_	same as residence	address	-		
_		· · · · · · · · · · · · · · · · · · ·	······		
Full name of joint inventor (if any)					
Inventor's signature					
			nature		
Residence					
Full name of joint inventor (if any)					
Inventor's signature_	<u> </u>				
Citizenship		Date of sign	nature		· · ·

Residence_

Post Office Address__

Dkt. 55669-A-PCT-US/JPW/PJP



DECLARATION AND POWER OF ATTORNEY

As a 405 bw-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

OLIGONUCLEOTIDE INHIBITORS OF BCL-XL

	Inditions of Del-2	XL.	
the specification of which (check one)			
is attached hereto.			
X was filed on January 2, 20	01	as	
Application Serial No. 09/753,10	69		
and was amended on January 2,	2001		
	(if applicabl	le)	
I hereby state that I have reviewed and under specification, including the claims, as amended			
I acknowledge the duty to disclose information examination of this application in accordance Section 1.56(a).			
I hereby claim foreign priority benefits under Tit foreign application(s) for patent or inventor's ce below any foreign application for patent or inventof the application on which priority is claimed:	ertificate listed below ar	nd have also io	dentified
Prior Foreign Application(s) Number Country	Filing Date	Priority Cl Yes	laimed <u>No</u>
PCT/US99/15250 PCT	July 2, 1999	X	<u>NO</u>
		<u> </u>	

I hereby claim the benefit under Title 35. United States Code Section 119(e) of any United States provisional application(s) listed below:

Provisional Appl. No.	Filing Date	<u>Status</u>
N/A		

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States Application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Sections 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	<u>Status</u>
09/109,614	2 July 1998	Pending as of July 2, 1999
PCT/US99/15250	2 July 1999	Pending as of January 2, 2001

And I hereby appoint

John P. White (Reg. No. 28,768; Christopher C. Dunham (Reg. No. 22,031); Norman H. Zivin (Reg. No. 25, 385); Jay H. Maioli (Reg. No. 27,213); William E. Pelton (Reg. No. 25,702); Robert D. Katz (Reg. No. 30,141); Peter J. Phillips (Reg. No. 29,691); Wendy E. Miller (Reg. No. 35,615); Richard S. Milner (Reg. No. 33,970); Robert T. Maldonado (Reg. No. 38,232); Paul Teng (Reg. No. 40,837); Richard F. Jaworski (Reg. No. 33,515); Pedro C. Fernandez (Reg. No. 41,741); Gary J. Gershik (Reg. No. 39,992); Jane M. Love (Reg. No. 42,812): Spencer H. Schneider (Reg. No. 45,923); Alan J. Morrison (Reg. No. 37,399); Alan D. Miller (Reg. No. 42,889); Christopher M. Ries (Reg. No. 45,799) and Frank Bruno (Reg. No. 46,583)

and each of them, all c/o Cooper & Dunham LLP of 1185 Avenue of the Americas, New York, New York 10036 (Tel. 212 278-0400), my attorneys, each with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, to transact all business in the Patent and Trademark Office connected therewith and to file any International Applications which are based thereon under the provisions of the Patent Cooperation Treaty.

Please address all communications, and direct all telephone calls, regarding this application to

Reg. No. 28,678 John P. White Cooper & Dunham LLP

1185 Avenue of the Americas New York, N.Y. 10036

Tel. (212) 278-0400

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or
first joint inventor <u>Cy A. Stein</u>
Inventor's signature
Citzenship U.S.A.
Residence 11 Dolphin Road, New City, New York 10956, ITS A
Post Office Address same as above
Full name of sole or
first joint inventor Paul Cossum
Inventor's signature
Citzenship AUSTRALIA D. S. Alak
Residence 27 S. WINDSAIL PL THE WOODLANDS, TX 7738
Post Office Address same as above
7v11
Full name of sole or
irst joint inventor Robert Rando
nventor's signature
Citzenship Date of signature
condition of the Annandale, NJ 08801
Post Office Address <u>same as above</u>
full name of sole or
irst joint inventor <u>Joshua Owjang</u>
iventor's signature
Citzenship United States Date of signature
condence 1313 NW 193th Street, Edmond, Okahoma 73003
ost Office Address <u>same as above</u>



ECLARATION AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

OLIGONUCLEOTIDE INHIBITORS OF BCL-XL

the specification of (check one)	which				
i	s attached here	eto.			
<u>X</u> ,	was filed on	January 2, 2001		as	
App	lication Serial	No. <u>09/753,169</u>			
and v	was amended o	on <u>January 2, 200</u>	01	·	
			(if applica	ble)	
I hereby state that specification, included a specification included a specification of the examination of this Section 1.56(a).	ding the claims	, as amended by information of	any amendment re which I am aware y	ferred to abov	e:
I hereby claim foreight foreign application (sometiments) below any foreign apof the application or	s) for patent or oplication for pa	inventor's certif atent or inventor'	icate listed below a	ind have also i	dentified
Prior Foreign Appli <u>Number</u> <u>PCT/US99/15250</u>	cation(s) <u>Country</u> <u>PCT</u>		Filing Date July 2, 1999	Priority C	laimed No

I hereby claim the benefit under Title 35. United States Code Section 119(e) of any United States provisional application(s) listed below:

Provisional Appl. No.	Filing Date	<u>Status</u>
N/A	-	
-		

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States Application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Sections 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	<u>Status</u>
09/109,614	2 July 1998	Pending as of July 2, 1999
PCT/US99/15250	2 July 1999	Pending as of January 2, 2001

And I hereby appoint

John P. White (Reg. No. 28,768; Christopher C. Dunham (Reg. No. 22,031); Norman H. Zivin (Reg. No. 25, 385); Jay H. Maioli (Reg. No. 27,213); William E. Pelton (Reg. No. 25,702); Robert D. Katz (Reg. No. 30,141); Peter J. Phillips (Reg. No. 29,691); Wendy E. Miller (Reg. No. 35,615); Richard S. Milner (Reg. No. 33,970); Robert T. Maldonado (Reg. No. 38,232); Paul Teng (Reg. No. 40,837); Richard F. Jaworski (Reg. No. 33,515); Pedro C. Fernandez (Reg. No. 41,741); Gary J. Gershik (Reg. No. 39,992); Jane M. Love (Reg. No. 42,812): Spencer H. Schneider (Reg. No. 45,923); Alan J. Morrison (Reg. No. 37,399); Alan D. Miller (Reg. No. 42,889); Christopher M. Ries (Reg. No. 45,799) and Frank Bruno (Reg. No. 46,583)

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Please address all communications, and direct all telephone calls, regarding this application to

Reg. No. 28,678

John P. White Cooper & Dunham LLP 1185 Avenue of the Americas New York, N.Y. 10036 Tel. (212) 278-0400 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or
first joint inventor Cy A. Stein
Inventor's signature
Citizenship <u>U.S.A.</u> Date of signature
Residence 11 Dolphin Road, New City, New York 10956, U.S.A.
Post Office Address <u>same as above</u>
Full name of sole or
first joint inventor Paul Cossum
Inventor's signature
Citizenship Australia Date of signature
Residence 27 S. Windsail Pl. The Woodlands, TX 77381
Post Office Address <u>same as above</u>
Full name of sole or
first joint inventor Robert Rando
Inventor's signature
Citizenship United States Date of signature 9176
Residence 3 Brown Ct., Annandale, NJ 08801
Post Office Address <u>same as above</u>
Full name of sole or
first joint inventor <u>Joshua Ojwang</u>
Inventor's signature
Citizenship United States Date of signature
Residence 1313 NW 195 th Street, Edmond, Oklahoma 73003
Post Office Address <u>same as above</u>

Dkt. 55669-A-PCT-US/JPW/PJP

BECLARATION AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

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I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

OLIGONUCLEOTIDE INHIBITORS OF BCL-XL

the specification of (check one)	f which		
i	s attached hereto.		
<u>X</u>	was filed on <u>January 2</u>	2, 2001	as
App	lication Serial No. 09/75	53,169	
and	was amended on January		<u></u> .
		(if applicab	le)
I acknowledge the	ding the claims, as amendated and the claims, as amendated as a second control of the claims and the claims, as amendated as a second control of the claims, as amendated as a second control of the claims, as amendated as a second control of the claims, as amendated as a second control of the claims, as a second control of the claims are control of the claims.	understand the contents on the ded by any amendment refution of which I am aware was with Title 37, Code of	erred to above:
below any foreign a	s) for patent or inventor'	r Title 35, United States Coss certificate listed below an aventor's certificate having a ned:	d have also identified
Prior Foreign Appli <u>Number</u> <u>PCT/US99/15250</u>	ication(s) <u>Country</u> <u>PCT</u>	Filing Date July 2, 1999	Priority Claimed Yes No X —————————————————————————————————

Declaration	and	Power	of	Attorney
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Page 2

I hereby claim the benefit under Title 35. United States Code Section 119(e) of any United States provisional application(s) listed below:

<u>Provisional Appl. No.</u> N/A	Filing Date	<u>Status</u>

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States Application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Sections 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	<u>Status</u>
09/109,614 PCT/US99/15250	2 July 1998 2 July 1999	Pending as of July 2, 1999 Pending as of January 2, 2001
		

And I hereby appoint

John P. White (Reg. No. 28,678); Donald S. Dowden (Reg. No. 20,701); Christopher C. Dunham (Reg. No. 22,031); Ivan S. Kavrukov (Reg. No. 25,161); Norman H. Zivin (Reg. No. 25,385); William E. Pelton (Reg. No. 25,702); Jay H. Maioli (Reg. No. 27,213); Robert D. Katz (Reg. No. 30,141); Peter J. Phillips (Reg. No. 29,691); Richard S. Milner (Reg. No. 33,970); Wendy E. Miller (Reg. No. 35,615); Richard F. Jaworski (Reg. 33,515); Paul Teng (Reg. No. 40,837); Pedro C. Fernandez (Reg. No. P-41,741).

and each of them, all c/o Cooper & Dunham LLP of 1185 Avenue of the Americas, New York, New York 10036 (Tel. 212 278-0400), my attorneys, each with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, to transact all business in the Patent and Trademark Office connected therewith and to file any International Applications which are based thereon under the provisions of the Patent Cooperation Treaty.

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John P. White	Reg. No28,678
Cooper & Dunham LLP	
1185 Avenue of the Americas	
New York, N.Y. 10036	
Tel. (212) 278-0400	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or		
first joint inventor	Cy A. Stein	
Citizenship U.S.A.	Date o	f signature
	in Road, New City, New York 10956, U.S.	.A.
Post Office Address _	same as above	
Full name of sole or		
first joint inventor	Paul Cossum	
Inventor's signature		
Citizenship Australia	Date of	signature
Residence 27 S. Wine	dsail Pl. The Woodlands, TX 77381	
Post Office Address _	same as above	
Full name of sole or		
	Pohert Pando	
	Robert Rando	
Citizenshin	Date of	signature
	Date of	
Post Office Address	same as above	
Full name of sole or		
first joint inventor	Joshua Ojwang	
Inventor's signature	BURNU	
Citizenship United S	States Date of si	gnature 8(27/0)
Residence 1313 NW	195 th Street, Edmond, Oklahoma 73003	· · · · · · · · · · · · · · · · · · ·
Post Office Address _	same as above	